

P 01
**RECEIVED
CENTRAL FAX CENTER**

JUL 22 2005

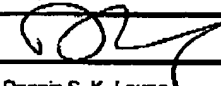
PTO/SB/21 (09-04)

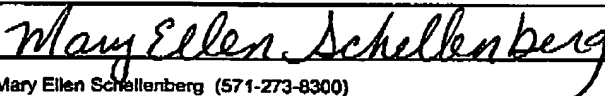
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/627,616
	Filing Date	July 28, 2003
	First Named Inventor	Melvin C. MAKI
	Art Unit	2636
	Examiner Name	Brent Swarthout
	Attorney Docket Number	0145P34US01
Total Number of Pages in This Submission	4	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Interview Summary
Remarks The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Shapiro Cohen		
Signature			
Printed name	Dennis S. K. Leung		
Date	July 22, 2005	Reg. No.	47,325

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Mary Ellen Schellenberg (571-273-8300)	Date	July 22, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**RECEIVED
CENTRAL FAX CENTER****JUL 22 2005**

File No.: 0145P34US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/627,615 **Confirmation No.** 4319
Filed : July 28, 2003
Title : **COMPACT SECURITY SENSOR SYSTEM**
Applicant : **Melvin C. MAKI**
Examiner : **Brent SWARTHOUT**
Group Art Unit : 2636

July 22, 2005

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop AF
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202
U.S.A.

APPLICANT INITIATED INTERVIEW SUMMARY

Dear Sir:

A Telephone Examiner Interview was conducted on July 8, 2005 with Examiner Brent Swarthout.

Mr. Dennis Leung and Ms. Natalie Raffoul conducted an Examiner Interview by telephone with Examiner Swarthout to discuss a draft response which was forwarded to him on July 6, 2005, in relation to the Office Action dated May 9, 2005.

Firstly, Mr. Leung addressed the issue of the new matter objection raised in the Office Action. Examiner Swarthout explained that the language in relation to the sensor node having an associated longitudinal access tangential to the deformable cable is objectionable as the word "tangential" does not find support in the original Specification and suggested that the node lay along the surface of the cable. Mr. Leung further suggested claim language, such as "the detection zone being transverse to the

Appl. No. 10/627,615
Summary dated July 22, 2005
Examiner Interview of July 8, 2005

longitudinal direction of the cable at the sensor node" and Examiner Swarthout agreed that this wording was better.

Second, and in relation to the new matter objection, Examiner Swarthout stated that the amendment detailing volumetric detection zones and sensor nodes was objectionable as there was no clear basis in the original Specification for the use of this language. In response, Mr. Leung remarked that in Figure 6 there is clearly shown a detection zone in the shape of a trough which clearly shows a volumetric detection zone. Examiner Swarthout agreed that the detection zone appears to be volumetric, however he could not confirm at that point whether or not he would ultimately accept Figure 6 as a basis for the entry of the term "volumetric" in the Specification and corresponding Claims.

With respect to the patentability objections, Examiner Swarthout indicated that the proposed amended Claims seem to overcome the Hunt and Akers patents, however Frederick remained a consideration with respect to patentability. Examiner Swarthout indicated that he viewed the vibration conduit as providing a deformable cable. In response, Mr. Leung explained that the cable is not deformable because Frederick teaches a relatively rigid conduit because acoustic vibration signals returned would be alternated and possibly lost if the conduit was not rigid. Therefore, Frederick in fact teaches away from a deformable cable as taught and claimed in the present invention. Nevertheless, Examiner Swarthout indicated that the argument with respect to Frederick clearly not teaching a deformable cable was not sufficiently highlighted in the response to overcome the rejection. However, Examiner Swarthout confirmed that the line of argument raised in the Interview may indeed overcome Frederick.

Appl. No. 10/627,615
Summary dated July 22, 2005
Examiner Interview of July 8, 2005

In sum, both parties agreed that if the application was amended to overcome the new matter objections and arguments were presented over the cited prior art references, a further prior art search would likely not be necessitated.

Conclusion

The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary.

Respectfully submitted



Dennis S.K. Leung
Registration 47,325

SHAPIRO COHEN
P.O. Box 3440
Station D
Ottawa, Ontario
Canada, K1P 6P1

/DSKL/NR/ms